

Serial No.: 10/773,507  
Docket No. YPL-0800

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: KWON, Taejon  
Serial No.: 10/773,507  
Conf. No.: 6812  
Filed: February 7, 2004  
Title: **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR  
DETERMINING A LOCATION OF A TARGET SEQUENCE IN A  
GENOME SEQUENCE**  
Examiner: ZHOU, Shubo  
Art Unit: 1631  
Docket No: YPL-0080

**VIA EFS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AFTER-FINAL AMENDMENT AND RESPONSE**

This Amendment and Response is submitted in reply to the Final Office Action dated  
**December 12, 2008.**

This response has the following sections:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.